

AMENDMENT TO THE CLAIMS

We claim:

CLAIMS 1-6 (cancel)

CLAIM 7 (currently amended):

7. The method of Claim 1, A method of establishing a connection between CPE (Customer Premises Equipment) and a serving switch comprising the steps of:

connecting said CPE to a Packet Network;  
connecting a path between said CPE and said Packet Network to a Home Switch or a Guest Switch connected to said Packet Network, said Home Switch or said Guest Switch for providing originating service to said CPE;

selecting said one of said Home Switch or guest Switch on the basis of a packet header address based on information from said CPE;

wherein outgoing calls from said CPE are originated from the selected switch and terminated on a terminating switch for serving a called number;

further comprising the steps of:  
disconnecting said CPE from said Packet Network;  
reconnecting said CPE to said Packet Network at a different port connected to a different switch; and  
recording in said Packet Network an identity of said different port and different switch for completing calls to and from said CPE at said different port.

CLAIM 8 (currently amended):

8. The method of Claim 1, A method of establishing a connection between CPE (Customer Premises Equipment) and a serving switch comprising the steps of:

connecting said CPE to a Packet Network;  
connecting a path between said CPE and said Packet Network to a Home Switch or a Guest Switch connected to said Packet Network, said Home Switch or said Guest Switch for providing originating service to said CPE;  
selecting said one of said Home Switch or guest Switch on the basis of a packet header address based on information from said CPE;

wherein outgoing calls from said CPE are originated from the selected switch and terminated on a terminating switch for serving a called number;

wherein said Packet Network is connected to a Service Administration Terminal, further comprising the step of transmitting signals via said Packet Network from said Service Administration Terminal to said CPE for changing an identity of a switch for serving outgoing calls.

CLAIMS 9-14 (cancel)

CLAIM 15 (currently amended):

15. The apparatus of Claim 9, In a telecommunication network comprising a Packet Network, a Home Switch and at least one Guest Switch, apparatus for establishing a connection between CPE (Customer Premises Equipment) and a serving switch comprising the steps of:

means for connecting said CPE to a Packet Network;

means for connecting a path between said CPE and said Packet Network to a Home Switch or a Guest Switch connected to said Packet Network, said Home Switch or said Guest Switch for providing originating service to said CPE; and

means for selecting as a serving switch, one of said Home Switch or said Guest Switches on the basis of a packet header address based on information from said CPE; wherein outgoing calls from said CPE are originated from the selected switch and terminated on a terminating switch for serving a called number;

further comprising:

means for detecting a disconnection of said CPE from said Packet Network;

means for detecting a re-connection of said CPE to said Packet Network at a different port connected to a different switch; and

means, in said network, for recording an identity of said different port and different switch for completing calls to and from said CPE at said different port.

CLAIM 16 (currently amended):

16. The apparatus of Claim 9, In a telecommunication network comprising a Packet Network, a Home Switch and at least one Guest Switch, apparatus for establishing a connection between CPE (Customer Premises Equipment) and a serving switch comprising the steps of:

means for connecting said CPE to a Packet Network;  
means for connecting a path between said CPE and said Packet Network to a  
Home Switch or a Guest Switch connected to said Packet Network, said Home Switch or  
said Guest Switch for providing originating service to said CPE; and

means for selecting as a serving switch, one of said Home Switch or said Guest  
Switches on the basis of a packet header address based on information from said CPE;  
wherein outgoing calls from said CPE are originated from the selected switch and  
terminated on a terminating switch for serving a called number;

wherein said Packet Network is connected to a Service Administration Terminal,  
further comprising means for transmitting signals via said Packet Network from said  
Service Administration Terminal to said CPE for changing an identity of a switch for  
serving outgoing calls.

CLAIMS 17 and 18 (cancel)